

CLAIMS

What is claimed is:

- Sub 47
1. A method of playing media data stored over a data network
5 comprising the steps of:
accessing a playlist wherein said playlist specifies a first clip and a
second clip to be played and wherein said first clip is stored within a first
source and said second clip is stored within a second source;
translating said playlist into a first plurality of frame accurate requests
10 that specify first respective frames of said first clip and a second plurality of
frame accurate requests that specify second respective frames of said second
clip;
transmitting said first plurality of frame accurate requests over said
data network to said first source;
15 transmitting said second plurality of frame accurate requests over said
data network to said second source;
receiving said first respective frames from said first source;
rendering said first respective frames at a ^{insert}predetermined framerate;
before a last frame of said first respective frames is rendered, receiving
20 a first frame of said second respective frames from said second source;
rendering said first frame of said second respective frames after said last
frame at said predetermined framerate such that playback of said first clip and
said second clip appears seamless.
- 25 2. A method as recited in Claim 1 wherein said first source
comprises a first server coupled to said data network and wherein said second
source comprises a second server coupled to said network.

3. A method is recited in Claim 1 wherein said first plurality of frame accurate requests each specifies a respective one of said first respective frames. ✓

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4. A method is recited in Claim 3 wherein said second plurality of frame accurate requests each specifies a respective one of said second respective frames. ✓

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5. A method as recited in Claim 1 wherein said predetermined framerate is adjustable by a user. C.W.

6. A method as recited in Claim 1 wherein said media data comprises audio data and video data. ✓

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7. A system for playing media data over a data network comprising:

a client computer coupled to said data network, wherein said client computer comprises:

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a user-interface for receiving a playlist from a user wherein said playlist specifies a first clip and a second clip to be played,

a playback engine for translating said playlist into a first plurality of frame accurate requests corresponding to said first clip and a second plurality of frame accurate requests corresponding to said second clip;

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a first server computer coupled to receive said first plurality of frame accurate requests from said client computer via said data network, wherein said server computer retrieves first respective frames of said first clip

requested by said first plurality of frame accurate requests and transmits said first respective frames to said client computer;

a second server computer coupled to receive said second plurality of frame accurate requests from said client computer via said data network
5 wherein second server computer retrieves second respective frames of said second clip requested by said second plurality of frame accurate requests, and transmits said second respective frames to said client computer;

wherein said client computer renders said first respective frames and said second respective frames at a predetermined framerate such that playback
10 of said first clip and said second clip appears seamless.

8. A system as recited in Claim 7 wherein said first server comprises a first data storage for storing said first clip and wherein said second server comprises a second data storage for storing said second clip. X

9. A system as recited in Claim 7 wherein said user interface allows a user to specify a beginning frame and an ending frame of a clip to be played. ✓

10. A system as recited in Claim 7 wherein said first plurality of frame accurate requests each specifies a respective one of said first plurality of frames.

11. A sytem as recited in Claim 7 wherein said second plurality of frame accurate requests each specifies a respective one of said second plurality
25 of frames.

12. A system as recited in Claim 7 wherein said predetermined framerate is adjustable by a user.

13. A system as recited in Claim 7 wherein said media data
5 comprises audio data and video data.

14. A computer readable medium containing therein computer readable codes for causing a computer system to perform a step of playing media data stored across a data network, the method comprising the steps of:

10 accessing a playlist wherein said playlist specifies a first clip and a second clip to be played and wherein said first clip is stored within a first source and said second clip is stored within a second source;

translating said playlist into a first plurality of frame accurate requests that specify first respective frames of said first clip and a second plurality of
15 frame accurate requests that specify second respective frames of said second clip;

transmitting said first plurality of frame accurate requests over said data network to said first source;

transmitting said second plurality of frame accurate requests over said
20 data network to said second source;

receiving said first respective frames from said first source;

rendering said first respective frames at a predetermined framerate;

before a last frame of said first respective frames is rendered, receiving a first frame of said second respective frames from said second source;

25 rendering said first frame of said second respective frames after said last frame at said predetermined framerate such that playback of said first clip and said second clip appears seamless.

5 15. A computer readable medium as recited in Claim 14 wherein said first source comprises a first server coupled to said data network and wherein said second source comprises a second server coupled to said network.

10 16. A computer readable medium is recited in Claim 14 wherein said first plurality of frame accurate requests each specifies a respective one of said first respective frames.

15 17. A computer readable medium is recited in Claim 16 wherein said second plurality of frame accurate requests each specifies a respective one of said second respective frames.

18. A computer readable medium as recited in Claim 14 wherein said predetermined framerate is adjustable by a user.

19. A computer readable medium as recited in Claim 14 wherein said media data comprises audio data and video data.